

19970614.qrp qrp-por0.756  
 >From owner-qrp-l@Lehigh.EDU Fri Jun 13 18:04 CDT 1997  
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
 > by uro.theporch.com (8.8.6.Gamma0/A-UX-3.0.1) with ESMTP id SAA24572  
 > for <shimshon@uro.theporch.com>; Fri, 13 Jun 1997 18:03:59 -0500 (CDT)  
 >Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])  
 > by sco.theporch.com (8.8.6.Gamma0/SCO-5.0.2) with ESMTP id XAA19135  
 > for <shimshon@theporch.com>; Fri, 13 Jun 1997 23:03:54 GMT  
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id  
 <35135-54320>; Fri, 13 Jun 1997 19:03:25 -0400  
 >Date: Fri, 13 Jun 1997 19:03:15 EDT  
 >Sender: owner-qrp-l@Lehigh.EDU  
 >Precedence: bulk  
 >From: qrp-l@Lehigh.EDU  
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
 >Subject: QRP-L digest 756  
 >Mime-Version: 1.0  
 >Content-Type: text/plain; charset=us-ascii  
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN  
 >Message-Id: <97Jun13.190325edt.35135-54320+104@fidoii.cc.Lehigh.EDU>  
 >Status: 0

## QRP-L Digest 756

Topics covered in this issue include:

- 1) [21273] Hootowl Logs via e-mail  
by camqrp@cyberg8t.com (Cam Hartford)
- 2) [21274] SST IS HERE  
by kc4mhm@juno.com (ed miller)
- 3) [21275] Good day with QRP Afloat  
by n4js@amsat.org
- 4) [21276] Re: negative SWR???  
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 5) [21277] SST on the Air!  
by "Bob Follett" <bfollett@ditell.com>
- 6) [21278] Re: SST on the Air!  
by "Paul Christensen" <paulc@mediaone.net>
- 7) [21279] For Sale to good home  
by TonyDrumm@ibm.net (Tony Drumm)
- 8) [21280] Variable caps wanted  
by haf47@juno.com
- 9) [21281] cw fists advice  
by MSU1972@aol.com
- 10) [21282] TT Argo 556- Go for it!  
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 11) [21283] Intelligent Tranceiver Book Order  
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>

- 12) [21284] Sierra Images Noise  
by tahrens1@juno.com (Tim H. Ahrens)
- 13) [21285] Re: Intelligent Tranceiver Book Order  
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 14) [21286] Re: cw fists advice  
by Vic Rosenthal <rakefet@rakefet.com>
- 15) [21287] Attn NorCal Folks  
by jeverhar@camden.lmco.com
- 16) [21288] Bumblebee #13 wins SST  
by Russ Carpenter <russ@natworld.com>
- 17) [21289] Re: negative SWR???....sudden change???  
by ed.welch@cheaha.com (ED WELCH)
- 18) [21290] SA WW CW this Weekend  
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 19) [21291] Re: WPX contest question  
by Alan Kaul <kaul@netcom.com>
- 20) [21292] Re: Intelligent Tranceiver Book Order  
by John Sullivan <sullivjd@sound.net>
- 21) [21293] Re: Dripless oil ? Address!  
by Ed Loranger <we6w@qsl.net>
- 22) [21294] Re: negative SWR???  
by Marty Rosenzweig <marty@mhmt.com>
- 23) [21295] SST's make East Coast!  
by n4js@amsat.org
- 24) [21296] Re: cw fists advice  
by Doug <doug@sunrise.alpinet.net>
- 25) [21297] Re: WPX contest question  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 26) [21298] Re: WPX contest question  
by Monte Stark <ku7y@sage.dri.edu>
- 27) [21299] Re: WPX contest question  
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 28) [21300] Coax help- RG391/U & Essex 21-541 ?  
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 29) [21301] Re: WPX contest question  
by w8lrm@juno.com (Albert K. Rea)
- 30) [21302] Dripless Oil  
by dfirlik@juno.com (Don Firlik)
- 31) [21303] Death of an MFJ!  
by Frank <g3ycc@gqrpclub.demon.co.uk>
- 32) [21304] Ham related stuff/Analog Devices  
by cooper@gmpvt.com (Tom Cooper)
- 33) [21305] FT-707 is gone  
by wb2vuo@juno.com (William K Hibbert)
- 34) [21306] Intelligent xcvr  
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 35) [21307] Portable KH6  
by "Ed Manuel" <n5em-qrp@msn.com>

- 36) [21308] CW QSOs  
by n4js@amsat.org
- 37) [21309] Re: WPX contest question  
by Bob Patten <n4bp@shadow.net>
- 38) [21310] RE: Windom  
by "Dennis L. Edinger" <dedinger@ecentral.com>
- 39) [21311] Ten-Ten #  
by Bob Roach <KE4QOK@worldnet.att.net>
- 40) [21312] Free Analog / Digital Simulator Software (Micro-Cap V)  
by "Eric Swartz (WA6HHQ)" <erics@cruzio.com>
- 41) [21313] Re: cw fists advice  
by N2QCE@aol.com

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Date: Thu, 12 Jun 1997 16:57:09 -0700 (PDT)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-l@Lehigh.EDU  
Subject: [21273] Hootowl Logs via e-mail  
Message-ID: <199706122357.QAA03935@key.cyberg8t.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hootowlers -

I have received logs via e-mail from the following people - if you think you sent me a log -- via e-mail -- and don't see your name on the list, let me know and we'll try again.

N0UR  
WB3AAL  
N2CQ  
K6OYY  
WD6FDD  
NI0A  
N6WG  
KI0G  
W6ZH  
AB7TK  
WJ7H  
KJ5VW  
AA4XX  
K8CV  
W03B

Thanks and 72/73,

Cam Hartford N6GA

QRP ARCI Contest Mgr

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Date: Thu, 12 Jun 1997 20:06:37 EDT  
From: kc4mhm@juno.com (ed miller)  
To: qrp-l@Lehigh.EDU  
Subject: [21274] SST IS HERE  
Message-ID: <19970601.131248.4959.0.KC4MHM@juno.com>

Dear QRP-L Gang:

When I got home this evening my mail box was rocking and bouncing and was hardly able to hold its contents. When I opened it out jumped my brand new SST kit. I quickly opened it in order to let the smoke out before the soldering iron gets hot and was impressed with what I saw. A very nice cabinet, a pretty circuit board, good looking parts and two micro-fairies which were promptly squashed.

Thanks Bob and Wayne  
Updates to follow

73 de Ed

KC4MHM@juno.com

-----  
Date: Thu, 12 Jun 1997 17:33:00 -0400 (EDT)  
From: n4js@amsat.org  
To: qrp-l@Lehigh.EDU  
Subject: [21275] Good day with QRP Afloat  
Message-ID: <XFMail.970612173517.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

Not so hot fishing, only one short striper. I did give the SLV a workout on 20. Made 6 contacts. No DX, but good QSOs. Used the trusty Sierra at 2 watts. I also listened on 40, but only heard a couple of stations handling traffic (very loud!). Guess mid day on 40 is not the best time.

Sent at 17:35:17 on 12-Jun-97

_ \   _   _   _   _   _   _	John L. Sielke n4js@amsat.org n4js@pobox.com
_ \   _   _   _   _   _   _	n4js@n4js.ampr.org NJ Grid:FM29LN
_ \   _   _   _   _   _   _	<a href="http://www.qsl.net/n4js">http://www.qsl.net/n4js</a> NJ-QRP #57 QRP-L #884
_ \   _   _   _   _   _   _	QRP-ARCI #9328 CQC #443 CQrp #50

NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

-----  
Date: Fri, 13 Jun 1997 03:32:04 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>  
To: brian@ams-i.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [21276] Re: negative SWR???  
Message-ID: <199706130234.WAA03989@mail.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Brian - I would think you have RF on the outside of the coax. Someone else mentioned that could cause very strange readings - I agree.

As a quick and dirty cure - make a coil of 5 to 7 turns of the coax feedline right at the base of the antenna to choke it off - see if that changes the reading.

if it changes then you know you are on the right track.

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://qrp.cc.nd.edu/kanga/>  
419-423-4604

-----  
Date: Thu, 12 Jun 1997 20:48:17 -0600  
From: "Bob Follett" <bfollett@ditell.com>  
To: "QRP-L Group" <qrp-l@Lehigh.EDU>  
Subject: [21277] SST on the Air!  
Message-ID: <199706130245.UAA26349@mars.ditell.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang:

>From Post Office delivery this afternoon to now -- 4.5 hours construction, the SST is on the Air!

A Quick construction report:

1. I don't think we will be generating as many modification/how do I change this? messages with this rig as the 40'9er or 38S. Of course there is always room for the keyer/noiseblanker/frequency readout/tuner/battery and solar charger additions :-)
2. I found zero errors in the manual.
3. I do have an accurate L/C meter now, and found I needed one T removed from L2 & L3, the output filters, to get down to specified value.
4. I found the BFO too low in frequency. Wayne mentions using a trimmer instead of a fixed cap, but I reduced the 33pF to 22pF and got it about equal to the side tone, where I liked it.
5. The frequency range, using the 108 varacter, is 7.027 to 7.039kHz. I'll try to raise/expand that tomorrow (You really shouldn't widen the tuning range -- with the very sharp filter and small tuning knob, the signals pop in and out as it is. Perhaps Wayne's idea of using both diodes with the s/w is a good answer, but all I want to do is raise the freq. up to 7.043+
6. I matched the IF crystals and caps to optimize the IF filter design --- Probably not a good idea. My filter is VERY narrow currently -- guessing, in the 200-250hz range. I'll either widen with different caps, as Wayne outlined, or add the VBX which I have on both my Sierra and 40A.
7. The Xmit tuned up immediately to between 2.6 to 2.8 watts (I need to measure with the scope instead of the WM-1) Very nice! Sidetone is totally w/o clicks/thumps, and other assorted garbage.
8. Needless to say, with VX0, the rig is very stable. Oh yes, and the AGC really works well.

Now to add a keyer, 9V supply, swap out the voltage regulator for 9V operation, etc. Oh yes, and the great paint-the-case debate. (Maybe we could get a group rate on a mass-anodizing somewhere) I'll have the front and rear panels scanned in to CorelDraw 5, if anyone needs them in that format. ( can try .TIF, but generally don't like the conversion to bitmap)

In summary, a great rig! Thanks Wayne and Bob D. I am really looking forward to taking it backpacking. I think my PL259 plus BNC adapter weighs more than the rig!

73, Bob

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Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS

2861 Estates Dr.                    VOICE: 801.649.6457  
Park City, UT 84060               E-mail: bfollett@ditell.com

-----  
Date: Thu, 12 Jun 1997 23:02:51 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <bfollett@ditell.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [21278] Re: SST on the Air!  
Message-ID: <19970613030252.AAA19593@6626hvt5p091.se.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

---(Maybe we could get a group rate on a mass-anodizing somewhere)

That would be great Bob. I'm planning on having the SST case anodized black and the front and rear panels in an anodized cobalt blue. I'll check with a couple of plating companies I've been talking to about a group rate.

-Paul, W9AC

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Date: Thu, 12 Jun 1997 22:21:54 -0500  
From: TonyDrumm@ibm.net (Tony Drumm)  
To: qrp-1@Lehigh.EDU  
Subject: [21279] For Sale to good home  
Message-ID: <199706130315.DAA101908@out2.ibm.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

It's time to make some room for new projects. I have for sale:

30m OHR Explorer II

This has been a great radio - very good receiver and a solid 2W out. Covers the full 50kHz on 30m, of course. Has a nice variable bandwidth filter that works. I just re-aligned it. Selling it for \$85 including shipping to the continental U.S.A.

Thanks and 72.

Tony Drumm  
ARS AA0SM - Rochester, MN

-----  
Date: Fri, 13 Jun 1997 04:52:57 PST  
From: haf47@juno.com  
To: liqrp@waterw.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [21280] Variable caps wanted  
Message-ID: <19970613.045316.7839.0.HAF47@juno.com>

Hello and thanks for reading this. I'm in need of some variable caps...365 pf like the ones that used to be in tube type broadcast radios. Does anybody on the list know of a source?

Any help greatly appreciated. 73, Howard, WA2AFD

haf47@juno.com

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Date: Fri, 13 Jun 1997 08:15:19 -0400 (EDT)  
From: MSU1972@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [21281] cw fists advice  
Message-ID: <970613081519\_-926894466@emout04.mail.aol.com>

OK, I'm now at 18wpm using a straight key and working to get in the 20's for more contacts and that elusive "Extra."  
Time for some advice from my qrp-1 friends...I'll take all opinions...  
Which type of key do I buy to supplement the straight key (I've only used a straight key and never tried any other type) - Iambic or Single Lever Paddle?  
Pros and Cons? Should I not even consider a Bug? Suggestions on keys - I need one for the desk and one for mobile using QSO rig in car. (With my 38s when away from home I use the Whiterook straight key)...  
David, KB8OCC

-----  
Date: Fri, 13 Jun 1997 09:38:15 -0400  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
To: <babine@nortel.ca>  
Cc: <qrp-1@Lehigh.EDU>



Subject: [21282] TT Argo 556- Go for it!  
Message-ID: <199706131336.JAA64163@nss2.CC.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Michael,

Sorry for the tardy response. I have had a TT Argo 556 for a year now and LOVE IT. Since you asked for comments on the rig, here goes.

The plusses:

- \* The filtering is FB.
- \* the band modules are nice in the respect that the front end is not wide. (My neighbor runs 100 - 600 W on all band and unless he is on the same band I cannot tell when he is on. In fact, even on the same band, if we work different modes he does not really bother me. He is 500' away. OTOH, when I am on, he finds something else to do :-) We checked spectral purity of my rig and it is FB. At good as his.)
- \* the speaker is nice.
- \* the rig is small and light.
- \* SSB audio is super, I get lots of nice comments on the audio.
- \* QSK is good and keyer works well.

\*

The negatives:

- \* The band modules. Changing bands takes a few seconds.
- \* The PTO tuning requires lots of effort. The dial does not "spin".
- \* The SWR meter is not really accurate, but OK. I recalibrated mine.
- \* Mine will not go below about 3.5 watts. The adjust pot seems a bit "short" on adjustment.

As for your concern with frequency hopping, mine has never exhibited this behavior regardless of keyer speed. I think that this may only have been a problem with the 50W rigs and it is/was exacerbated by operators running incandescent lights near their rigs. Temperature changes while operating may cause the rig to "correct" the frequency when it gets a chance. Again, I have never noticed this on my rig.

Lastly, if I had to do it all again, I would buy another Argo 556. The only competition in a new rig (full 5W) IMHO is the Oak Hills OHR400. It is \$250 but does not do 160, 17, 12, or 10M. Also no SSB. While I only use SSB only about 5% of the time, I would really miss not having it. If you need any more specific info please let me know. If you want to try mine out I live only 10 miles east of Buffalo. You are in Ontario somewhere??

72, Mark N2VPK

Member of the Buffalo QRP Connection

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Date: Fri, 13 Jun 1997 08:41:53 -0500  
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [21283] Intelligent Tranceiver Book Order  
Message-ID: <33A14CF4.C3@uts.cc.utexas.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Gang,

Just a follow-up to Intelligent Tranceiver Book Order from Amazon.com.

I ordered the book off the web page on Monday and received an e-mail confirmation of the order in less than hour.

On Tuesday, I received an e-mail saying the book had been shipped.

When I arrived home after work on Thursday, it was in my mailbox.  
Shipped priority mail from Seattle to Texas in two days. Not bad!

I have not financial interest, but am one happy customer.

Stayed up until 1 am this morning reading the darn thing. It is well written and nice mix of schematics, pc board templates, a little theory and lots of practical nohow. Even if you never build it, you can learn a lot.

Now, who was organizing the group buy on parts? I'm definitely interested.

Gary, KJ5VW

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Date: Fri, 13 Jun 1997 09:44:01 EDT  
From: tahrens1@juno.com (Tim H. Ahrens)  
To: qrp-1@Lehigh.EDU  
Cc: tahrens@engserv.sps.mot.com  
Subject: [21284] Sierra Images Noise  
Message-ID: <19970612.084443.3047.0.tahrens1@juno.com>

Well, last night I was able to totally squash all the junk noise that has been bothering the Sierra.

First, I used a 3 inductor, 7 capacitor bandpass filter that I had built up previously on one of the Hands RMX6 boards. Hey, there are signals beneath all of that junk! OK, that's fine, but can I still get rid of it with less parts?.... I rummaged thru the junk box, and found yet another bandpass filter, this time only 2 inductors, and 5 capacitors. Still no junk! Hmmm maybe what I need is a 'broadband' trap! Wonder what frequency that stuff is that's coming thru.. where's that calculator?

Anyhow, maybe this weekend I'll be able to update all with a circuit that doesn't take up as much space as the band module!

Thanks to all for your suggestions!

Tim W5FN

-----  
Date: Fri, 13 Jun 1997 10:09:58 -0400 (EDT)  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
To: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21285] Re: Intelligent Tranceiver Book Order  
Message-ID: <Pine.GS0.3.96.970613100550.13705A-100000@joxer.acsu.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I ordered mine from Barnes & Noble on monday also....got it on Thursday. They upgraded to 2nd day UPS at no additional charge. It sure beats driving to the Mall. The price is better too. I scanned the book. I have a meeting in Chicago to get ready for next week but I should be ready to start in about 10 days. Lots of neat stuff in the book. I am pretty sure I will be looking for a backlit display. Probably would lay out the panel a little differently.

Jim N2G0  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

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Date: Fri, 13 Jun 1997 07:18:32 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: MSU1972@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21286] Re: cw fists advice  
Message-ID: <33A156B8.3353@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

MSU1972@aol.com wrote:

>  
> Time for some advice from my qrp-l friends...I'll take all opinions...  
> Which type of key do I buy to supplement the straight key (I've only used a  
> straight key and never tried any other type) - Iambic or Single Lever Paddle?  
> Pros and Cons? Should I not even consider a Bug? Suggestions on keys - I  
> need one for the desk and one for mobile using QSO rig in car. (With my 38s  
> when away from home I use the Whiterook straight key)...

David,

This is going to be a minority opinion (I know, I've expressed it before and gotten flamed for it) but try a mechanical bug. It requires much more practice to send well with it than an electronic keyer, but a good bug fist has a personality that cannot be duplicated any other way. It's a lot like playing a musical instrument.

I suspect that many of those who jump all over me when I suggest this have never really heard a bug used by a competent operator. I'm prepared to sked anyone who wants to hear acceptable bug sending (I don't pretend to be an artist with the bug like some I've heard).

Vic K2VCO  
40+ years CW

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Date: Fri, 13 Jun 97 10:38:25 EDT  
From: jeverhar@camden.lmco.com  
To: qrp-l@Lehigh.EDU  
Cc: jeverhar@camden.lmco.com  
Subject: [21287] Attn NorCal Folks  
Message-ID: <9706131438.AA15171@train11.CAMDEN.LMCO.COM>

Gang,

Please excuse the bandwidth but...

I've checked to see if Sam Imai KF6ML has an e-mail, address and found none. I would like to get in touch with him to discuss the cute little homebrew paddle he had at Dayton. It was unsophisticated, but fit niceley inside his Construction-Competition winner combo 38S-Rainbow Tuner. It looked like just the ticket for portabbling.

Would someone let me know if he has e-mail? If not I suppose I'll pick his fertile brain by snail-mail.

Thanks and 72/73,

Joe E., N2CX

work: jeverhar@camden.lmco.com  
home: n2cx@voicenet.com

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Date: Fri, 13 Jun 97 07:43:09 -0700  
From: Russ Carpenter <russ@natworld.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [21288] Bumblebee #13 wins SST  
Message-ID: <199706131443.KAA47469@nss2.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

The first 20 people to sign up as Bumblebees (for the upcoming Flight of the Bumblebees, to take place on July 27) were eligible for a drawing. The prize--a brand new 20 meter SST.

And..... the lucky winner is Bumblebee #13. Congratulations to Dan Presley, N7CQR, of Portland, Oregon.

Want to know more about the Flight of the Bumblebees? Go to <http://natworld.com/ars> and click the icon for "events".

Russ Carpenter, AA7QU  
Contest Manager for the Adventure Radio Society

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Date: Fri, 13 Jun 97 06:42:00 -0600  
From: ed.welch@cheaha.com (ED WELCH)  
To: <qrp-1@Lehigh.EDU>  
Subject: [21289] Re: negative SWR???....sudden change???  
Message-ID: <8D9B192.0004003645.uuout@cheaha.com>  
Content-Type: text

-> Brian - I would think you have RF on the outside of the coax. Someone  
-> else mentioned that could cause very strange readings - I agree.

I'm no antenna whiz-kid, but it seems Brian mentioned something about it  
was working fine one day and the next day he had the negative SWR.  
Seems kind of like a "sudden change" to me....meaning something  
"happened". Kinda relates to a sudden computer problem....what changes  
did you make recently?....add any new software?.....etc.,.

It might be RF on the outside of the coax, but if it was working right  
one day and the next it wasn't I'd tend to think that a piece of  
electronics or mechanics has broken down.

Just my 1.5 cents worth. :)

Ed KF4KRV

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Date: Fri, 13 Jun 1997 11:16:43 -0400  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [21290] SA WW CW this Weekend  
Message-ID: <199706131514.LAA44990@nss2.CC.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang,

Here is a promising contest for QRPers who do not have equipment to play in  
this weekends VHF test. This one has a QRP section. Personally, I need lots

of SA countries, and QSL cards.

#### World Wide South America CW Contest

-----

The Brazilian magazine ANTENNA-ELETRONICA POPULAR, devoted to Amateur Radio since 1926, the cooperating CW group Pica-Pau Carioca - PPC, and other South American CW Groups, invite all amateurs world- wide to participate in the WWSA CW Contest.

PURPOSE: To make as many as possible 2-way CW contacts with stations of all countries and continents.

DATE AND PERIOD: Each second full weekend in June, starting Saturday 12h00 UTC, ending Sunday 18h00 UTC.

BANDS & MODE: 3.5 - 7 - 14 - 21 - 28 MHz - A1A (CW) only. No cross band contacts. No WARC bands.

CALL & EXCHANGE: SA Test - Exchange RST and continent (2 letter: AF, AS, EU, NA, OC, SA); if QRP station, add /QRP.

CATEGORIES: 1) Single operator/Single band (SOPSB) 2) Single operator/Multi band (SOPMB)  
3) Single operator QRP (maximum 10W input)/Multi Band (QRPMB).

PUNCTUATION: A) For SA contestants: QSO with SA station (including own country), 2 points; QSO with other continent station, 10 points. B) For DX contestants: QSO with South America station 10 points; QSO with non SA station (including own continent and country) 2 points.

MULTIPLIERS: A) For SA contestants: 2 multiplier points for every different prefix worked with other continents stations. B) For DX contestants: 2 multiplier points for every different prefix worked with SA stations.

BAND SCORING: Band scoring will be the sum of all QSO points multiplied by the sum of different multipliers in same band.

FINAL SCORING (for Multiband contestants): The final score will be the sum of all valid points in all bands multiplied by the sum of valid multipliers in all bands. The Contest Committee may discard points & multipliers of claimed QSOs with stations that did not send log and whose calls were not mentioned in a reasonable number of logs received from other contestants.

LOGS: A log with separate lists for each worked band (even if not included in the category chosen by the contestant) must be sent to:

WWSA Contest Committee  
P.O. Box 282

20001-970 Rio de Janeiro, RJ  
Brazil

It is required that list for each band includes call of each station worked, date, time, sent and received exchanges, and a multiplier column that shows a multiplier only when it is worked for the first time in the band listed. Call, name, postal address, country, continent, category chosen by the participant and claimed score per valid band must be clearly informed in first sheet of log. Logs received after October 30th, or not made in accordance to these rules, will be considered check-logs.

AWARDS: A WWSA Certificate will be granted to the top scorer of every category in every continent. Certificates for the top three scorers of each category may also be granted, provided that a reasonable score is obtained.

FINAL RESULTS: Results of South American participants and participants operating in other continents will be considered and stated separately.

SPECIAL CALLS: Special prefixes during the WWSA will be used by many stations of several countries, particularly those operating in South America. They will be very valuable to many coveted awards!

72, Mark N2VPK  
Member of the Buffalo QRP Connection

-----  
Date: Fri, 13 Jun 1997 08:22:37 -0700 (PDT)  
From: Alan Kaul <kaul@netcom.com>  
To: Bob Kellogg <ae4ic@nr.infi.net>  
Cc: qrp-1@Lehigh.EDU  
Subject: [21291] Re: WPX contest question  
Message-ID: <Pine.3.89.9706130719.A29029-0100000@netcom17>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob.... most contests want you to log what you thought you copied.

In each contest, there are a number of so-called ''unique'' calls ..... i.e. someone copies almost all the letters correctly except for one ..... and thus his log indicates a station that



no one else worked. The contest rules are basically 'reported contacts' and for the most part, most logs are accepted 'as is.' EXCEPT for those few stations near the top of the category where the requirements are for the entrants to submit a raw disk file (in CT it's the \*.BIN file). The sponsor's software then analyzes reported contacts and can determine the number of 'uniques' versus the total contest entrants's 'average number of uniques.' An operator with good ears might have a 'unique' rate of less than 1%. Any op whose 'uniques' are over 10% is suspect (remember most contests require accurate logging info of call and exchange). Some ops believe that it's better to log more contacts even if some of them are wrong (because the contest score is based on most contacts, most mults, etc.) but others take to the time to be sure of the call, sacrificing points for accuracy. I would rather work 500 stations and get one or two calls wrong (<0.5%) than work 600 stations and break 25-calls (>4%).

Other software can detect excessive dupes, etc. And occasionally you'll read in the fine print at the end of the contest report in CQ Magazine that certain ops were disqualified for 'excessive dupes' etc.

The 'uniques' software was written by Dick Norton, N6AA, and frequently (especially in the CQ WW) the sponsors will ask for data files and in exchange will report to the individual his or her 'unique' rate. If you get a chance to do that in an upcoming contest, try it -- it is very helpful. 'Uniques' are not precise measurements of busted calls -- but the odds that someone would enter a contest and only work one operator and then quit the contest are slim.

Now back to your question....did you work xxx or was it xxy?

Strictly speaking, it's your contesting skills that are being sought-- not the skills of others on the qrp-list. Report what you copied and either claim victory or take your lumps ;-) !!! There is a category for contesting which involves the efforts of more than a single operator -- it's called multi-op, and there isn't a QRP multi-op category in most contests.

Most important, however you decide, please send in your logs!!

72/73 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

-----  
Date: Fri, 13 Jun 1997 10:26:08 -0500  
From: John Sullivan <sullivjd@sound.net>  
To: qrp-1@Lehigh.EDU  
Subject: [21292] Re: Intelligent Tranceiver Book Order  
Message-ID: <33A16690.6549@sound.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I ordered on Tuesday, got the email confirmation of the order within a few minutes. I was told I would get another message telling me when they shipped the book. No message, no book. D'OH! I paid extra for 2-day delivery so I could have something to read on this weekend. D'OH!

Oh yeah, I ordered a 38S tshirt. Forgot to specify a size. D'OH! Some nice guy called long distance to ask me what size. I misplaced my copy of the order I sent. D'OH! Don't know who that was, but I would like to reimburse for the LD charges. As soon as the shirt comes...D'OH!

72 de KG0MZ

-----  
Date: Fri, 13 Jun 1997 08:30:59 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [21293] Re: Dripless oil ? Address!  
Message-ID: <33A167B3.184D@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For you diehard disbelievers: Brought the bottle of dripless oil to work and have it here in front of me.

Specifics: 3.4 FL. Oz/100ml, Blue bottle with flip top spout.

Claim on back:Dripless oil reaches hart-to-get-at places because it runs-in like a rapid penetrant, then the special carrier evaporates leaving a dripless long-wearing film that won't drip out.....

Manufacturer:  
AGS Company,  
Muskegon, MI USA 49443

So there you have it. And my reputation  
remains intact!

What reputation? Hee Hee.

72 to all.  
- Ed Loranger  
--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#2227/ARCI#????  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Fri, 13 Jun 1997 09:25:53 -0600  
From: Marty Rosenzweig <marty@mht.com>  
To: brian@ams-i.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [21294] Re: negative SWR???  
Message-ID: <33A16681.5F3D@mht.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brian Cieslak wrote:

>  
> the reflected meter went below zero instead of stopping at  
> zero.

I vote for the bad diode in the meter circuit. If you attach a 50 Ohm  
dummy load in place of the antenna coax you'll isolate the problem to  
the coax or the tuner. The MFJ may have a dummy load position and, if it  
connected after the SWR Bridge (which it probably is), that would serve  
the same purpose.

Good Luck

Marty, W00Q  
marty@mht.com

-----  
Date: Fri, 13 Jun 1997 11:38:24 -0400 (EDT)  
From: n4js@amsat.org  
To: qrp-l@Lehigh.EDU  
Subject: [21295] SST's make East Coast!  
Message-ID: <XFMail.970613114001.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

My SST kits arrived in today's mail, along with my 38 Spl Kit! Fortunately,  
next week I have some midnight shifts....when I do my best work.

Sent at 11:40:01 on 13-Jun-97

John L. Sielke n4js@amsat.org n4js@pobox.com  
n4js@n4js.ampr.org NJ Grid:FM29LN  
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884  
QRP-ARCI #9328 CQC #443 CQrp #50  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

-----  
Date: Fri, 13 Jun 1997 10:09:44 -0600  
From: Doug <doug@sunrise.alpinet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [21296] Re: cw fists advice  
Message-ID: <33A170C8.59A5@alpinet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi David and the crew...just for the "For Whatever it's worth" bucket.

I think you might find a keyer and paddle better for your mobile  
arrangement, as the Bug is gonna give ya fits with road vibration and  
turns etc. This isnt to say it "wont work", as it does...personal  
experience supports this theory, it's just....well, frustrating.

But, for the home station....and this is strictly personal opinion,  
I prefer a Bug. There are some really well made paddles out there,  
with lots of innovation and technology built in....but, a Vibroplex  
is a fine instrument, and surely a piece of communications history...  
right there in your fingers.

I must admit, I'm definitely prejudiced, as I've been using a Bug for a long time. But, after one puts in the effort and practice to get the hang of it, the old Vibroplex is fun to use and also puts a touch of personal rhythm into your sending. There was a time when I could just about tell you who was on the frequency without hearing a call... there's that much difference in sending Morse.

Mitch is making a beautiful Bug ....lots of attention to detail and smooth operation. I think once you get one and put it on the air, you might just be hooked. If you order one, be sure to ask for the nifty little instruction sheet that tells you how to set it up properly...that makes a major difference in learning how to send with the Bug. Spend a bit of time with the phone book...send lots of text and numbers with it...to help get the timing down. Then get on the air with the rest of us....we'll have a blast.

The usual disclaimers....I've got no monetary tie to Vibroplex Co.... just a really happy customer.

Good luck and have a ball...

Doug Dunn, K7YD  
Livingston, MT

MSU1972@aol.com wrote:

>  
> OK, I'm now at 18wpm using a straight key and working to get in the 20's for  
> more contacts and that elusive "Extra."  
> Time for some advice from my qrp-l friends...I'll take all opinions...  
> Which type of key do I buy to supplement the straight key (I've only used a  
> straight key and never tried any other type) - Iambic or Single Lever Paddle?  
> Pros and Cons? Should I not even consider a Bug? Suggestions on keys - I  
> need one for the desk and one for mobile using QSO rig in car. (With my 38s  
> when away from home I use the Whiterook straight key)...  
> David, KB8OCC

-----  
Date: Fri, 13 Jun 1997 17:22:16 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: kaul@netcom.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [21297] Re: WPX contest question  
Message-ID: <199706131622.RAA12766@chuck.dallas.sgi.com>

Alan et.al.,

Saw an article in the CQ Contest Journal on this.

Randy Rand, AA2U, has won some contests with 0% (yep, zero percent) errors. Rare and unique and even more impressive for a fellow QRPper.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=033 30m=21 17m=5 12m=0 States=20/05/00 DX=03/00/00 QSLs=012

-----  
Date: Fri, 13 Jun 1997 09:49:43 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21298] Re: WPX contest question  
Message-ID: <Pine.SUN.3.90.970613094608.18578F-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Jun 1997, Chuck Adams wrote:

> Randy Rand, AA2U, has won some contests with 0% (yep, zero percent)  
> errors. Rare and unique and even more impressive for a fellow  
> QRPper.

For those still wondering why the same people tend to win all the contests they enter, this is just one more good example.

They are just that much better than most of us!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 13 Jun 1997 13:12:39 -0500 (EST)

From: "James C. Owen, III" <owen@piper.eeel.nist.gov>  
To: qrp-1@Lehigh.EDU  
Subject: [21299] Re: WPX contest question  
Message-ID: <47560.owen@piper.eeel.nist.gov>

In message Fri, 13 Jun 1997 09:49:43 -0700 (PDT),  
Monte Stark <ku7y@sage.dri.edu> writes:

> For those still wondering why the same people tend to win all  
> the contests they enter, this is just one more good example.  
>  
> They are just that much better than most of us!!  
>

Not necessarily. They have just learned how to contest. What works and what doesn't. They have learned the bands and when and how to operate them to the best advantage. My favorite contest is the 10m in December. Since 1983 I've used the same antenna system and very nearly the same rig. I went from mid pack then; to taking the MD/DC section a couple of years later; to winning the Atlantic Div to finally in the 1995 contest getting to #8 in the US/Canada. This last year (1996) I thought the band was much worse than 1995 but my score was about 50% greater so I'm just waiting to see where I placed. With any contest you must first decide how you want to compete. You can't win against a BIG GUN with 150' towers and multi-beams so look at the ones in your section or division and pick another class. Most of the BIG GUNS run in the CW/Phone class so you of modest means should pick CW or Phone only or QRP. You must compete with others that run systems much the same as yours if you hope to win your class. Then you must understand the band and how to get multipliers but that is another long story. IE I don't think my abilities have greatly improved since my first 10m contest and I'm certainly not better than the others but my understanding of the band and techniques required have improved. Of course maybe that is a definition of ability. But in any event get in on the contest with whatever you have and enjoy. Look for us on Field Day using K3AA. 73 Jim K4CGY

-----  
Date: Fri, 13 Jun 1997 14:05:54 -0400  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [21300] Coax help- RG391/U & Essex 21-541 ?  
Message-ID: <199706131804.0AA38294@nss2.CC.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang,

I have a collection of RG 391/U and Essex 21-541 coax cables, misc lengths, some with connectors, both C and BNC. What I need to know to put these cables to use is, what is their impedance? 52, 75, 93, something else? I cannot find either in the reference book here at work.

72, Mark N2VPK  
Member of the Buffalo QRP Connection

-----  
Date: Fri, 13 Jun 1997 13:11:45 cdt  
From: w8lrm@juno.com (Albert K. Rea)  
To: owen@piper.eeel.nist.gov, qrp-1@Lehigh.EDU  
Subject: [21301] Re: WPX contest question  
Message-ID: <19970613.131220.7071.3.w8lrm@juno.com>

If we all had Randys Antenna Farm, we would all be winners

Al W8LRM  
St Joseph, Michigan  
on Michigans Sunset Coast

-----  
Date: Fri, 13 Jun 1997 14:16:22 -0400  
From: dfirlik@juno.com (Don Firlik)  
To: qrp-1@Lehigh.EDU  
Subject: [21302] Dripless Oil  
Message-ID: <19970613.141624.13342.0.dfirlik@juno.com>

AGS Company wholesales "dripless oil" to autoparts companies. It can be found at NAPA autoparts stores under the NAPA part number 765-1367.

AGS Co  
Muskegon, Michigan  
(616) 733-2101

73,

Don K8AQZ

-----



Date: Fri, 13 Jun 1997 18:05:06 +0100  
From: Frank <g3ycc@gqrpclub.demon.co.uk>  
To: qrp-l@Lehigh.EDU  
Subject: [21303] Death of an MFJ!  
Message-ID: <M9QbqAAC3XozEwm6@gqrpclub.demon.co.uk>  
MIME-Version: 1.0

It's Friday the thirteenth and raining. So I decide to do a bit of homebrewing. Plugged an external battery into the MFJ HF Analyzer. Zilch. Check connection. Guess what - wrong polarity. Can't happen to me can it - yes. No display, nothing. Check the 5v regulator (with polarity corrected, still OK). No idiot diode fitted as far as I can see, pity for idiots like me... No circuit diagram either in the manual. Anyone got any ideas where to start? Thanks for any ideas!

--

Frank G3YCC G QRP Club 042 QRP Master's 024  
QRP Web site: <http://www.gqrpclub.demon.co.uk>  
Packet: G3YCC@GB7HUL

-----  
Date: Fri, 13 Jun 1997 15:14:44 -0400  
From: cooper@gmpvt.com (Tom Cooper)  
To: qrp-l@Lehigh.EDU  
Subject: [21304] Ham related stuff/Analog Devices  
Message-ID: <199706131914.PAA05278@web.gmpvt.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

In "Ask the Applications Engineer", an article from a 1993 "Analog Dialog" is reprinted that is worth looking up. Written by James Bryant and Herman Gelbach, hams whose calls are not given, it deals with RF signal contamination. Bryant recounts a trip to a customer having difficulties, conveniently located near a multi-starred restaurant. Using his HT (1W - QRP!), he demonstrates RF nature of the customer's problem, and recounts how to filter out the evil QRM.

Of course, it helps that the customer is in France, where the lunches are often quite tasty. As he says, "An easy free lunch can always be obtained by persuading an innocent to bet on his or her circuit being free of (RF) problems. Using a ham radio HT on the two-metre band, one watt at a distance of one meter for one second will win you your free lunch almost every time."

For years, I have wondered what to do with that old Hy-Gain HT. Voila!

W1EAT

-----  
Date: Fri, 13 Jun 1997 15:01:14 EDT  
From: wb2vuo@juno.com (William K Hibbert)  
To: qrp-1@Lehigh.EDU  
Subject: [21305] FT-707 is gone  
Message-ID: <19970613.150036.4607.1.wb2vuo@juno.com>

The subject pretty well says it all. I struck a deal late last nite/early this morning, and the rig has been shipped (a trade, the best way to go!)

Thanks for all the interest.

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP  
Tech Specialist (ARRL/WNY), ARRL Life Member,  
Trustee, NQ2RP/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)  
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"  
Packet - wb2vuo@w2im.#wny.ny.usa.noam \*\*\* Email - wb2vuo@juno.com  
SnailMail - CBA \*\*\* Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

-----  
Date: Fri, 13 Jun 1997 15:06:27 -0400 (EDT)  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [21306] Intelligent xcvr  
Message-ID: <Pine.GS0.3.96.970613150501.28076A-100000@joxer.acsu.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Far circuits has the following for the transceiver:

18 printed circuit boards and programmed chip

\$106

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

-----  
Date: Fri, 13 Jun 97 19:05:22 UT  
From: "Ed Manuel" <n5em-qrp@msn.com>  
To: qrp-l@Lehigh.EDU  
Cc: kr4gl@aol.com, w3gx@aol.com  
Subject: [21307] Portable KH6  
Message-ID: <UPMAIL15.199706131904040563@msn.com>

Gang,

I'm leaving for paradise tomorrow. I am taking the rig on the chance that I am able to find place/time/spousal cooperation to operate at least a couple of times during the trip. I have NO idea if I will be able to work QRP to QRP from whatever portable location I may find. Here are the parameters - NOTE.

I will work anyone - but I'm looking for QRP-L folks. I WILL NOT BE SIGNING PORTABLE OR /KH6 OR ANYTHING ELSE THAT MIGHT DRAW ATTENTION. So, if you are looking for me it's just plain ole N5EM. Please don't append any suspicious looking suffixes to my call if we work.

Since I will be gone 9 days, I am suspending QRP-L to prevent the 500 messages that would surely be waiting for me. I will not have a computer (heck, I'm going for other reasons, you know) so I can't post to the list. However, I will communicate with my buddy in Virginia who I will call on the phone with times and dates of operations. I'll plan to work primarily 30 meters for help you WAS seekers that need just one more card (well, maybe one of several you still need). I could get on any other band if needed.

I'll be running the QRP Plus+ and taking a roll of wire and an MJF tuner to address whatever fortune throws at me.

And, please, no comments on my fist. Just remember, if you work me it may have just been after a few Mai-Tai's.

Aloha.

Ed, N5EM

QRP-L #202

-----  
Date: Fri, 13 Jun 1997 15:14:13 -0400 (EDT)  
From: n4js@amsat.org  
To: cw@qsl.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [21308] CW QSOs  
Message-ID: <XFMail.970613152131.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

I have been thinking about the contacts I made yesterday while out on the boat striper fishing. I really enjoyed using the little Sierra at 2W into the SLV/MMA vertical. A couple of the QSOs were interesting, and typical of why CW is so much fun. One was with WA0FGY, in S.D. Jiggs was 72, retired Railroad, and was collecting FISTS numbers. Naturally, I didn't remember mine, but Jiggs was ready, and gave ME MY number, as well as his. Then there was VE2XJ, Mike in Montreal. I described the beautiful weather, fishing, etc. He kept saying how jealous he was, and wanting to know if I wanted to trade places.

Anyway, people think you can't "chat" or socialize on CW. Hogwash!

Just some comments from a ham for 39 years, coming back to the "CW Fold."

Sent at 15:21:31 on 13-Jun-97

John L. Sielke n4js@amsat.org n4js@pobox.com  
n4js@n4js.ampr.org NJ Grid:FM29LN  
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884  
QRP-ARCI #9328 CQC #443 CQrp #50  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

-----  
Date: Fri, 13 Jun 1997 15:49:52 -0400 (EDT)  
From: Bob Patten <n4bp@shadow.net>  
To: "Albert K. Rea" <w8lrm@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21309] Re: WPX contest question  
Message-ID: <Pine.SOL.3.91.970613154928.9716A-100000@hyper>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Jun 1997, Albert K. Rea wrote:

> If we all had Randys Antenna Farm, we would all be winners  
>  
Fantasy...

Bob Patten, N4BP  
n4bp@shadow.net  
Brass Pounder BBS (954) 472-7715

Plantation, FL  
<http://www.shadow.net/~n4bp/n4bp.htm>

-----  
Date: Fri, 13 Jun 1997 14:01:00 -0700  
From: "Dennis L. Edinger" <dedinger@ecentral.com>  
To: qrp-l list <qrp-l@Lehigh.EDU>  
Subject: [21310] RE: Windom  
Message-ID: <33A1B50C.295E@ecentral.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For many years I used the windom as my primary antenna. Outside, I found it to work very well.

I have a TNT/2 I bought to use inside in my "cliff dwelling". Due to the location of acpower lines within inches of where the antenna had to be placed on the ceiling and that I had to have three bends (I measured incorrectly), it did not work at all. Outside, it will tolerate two 90 degree bends (vert or horiz) without too much change (indeed you can even use one of the bends to "tune" up the 20m band).

Again my only problem was 1) inside and 2) more than 2 bends not at 90 degrees.

de Dennis/w0gd

-----  
Date: Fri, 13 Jun 1997 22:23:32 +0000  
From: Bob Roach <KE4QOK@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [21311] Ten-Ten #  
Message-ID: <19970613222322.AAC22160@LOCALNAME>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Guys,

Sorry to venture slightly off topic but this IS the place with all the answers. Since 10M has become more active I have taken an interest in getting a Ten-Ten #. I know what I have to do (ten confirmed contacts) but need an address to get application and so forth. Is there a web sight?? Can anyone help???

(o o)

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73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348 Advanced, W5YI VE, ARRL, PARC

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Date: Fri, 13 Jun 1997 15:46:20 -0700

From: "Eric Swartz (WA6HHQ)" <erics@cruzio.com>

To: qrp-l@Lehigh.EDU

Cc: svecbrdk@well.com

Subject: [21312] Free Analog / Digital Simulator Software (Micro-Cap V)

Message-ID: <33A1CDBB.38A9@cruzio.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Spectrum software has a real neat demo / student version of their full featured analog / digital circuit simulator s/w. The only difference between this free version and the \$3k full version is a limit of 50 components per schematic and a limited amount of pre-defined library components, (but you can add your own component definitions.)

Go to <http://www.spectrum-soft.com/demo.html> and download the student / demo zip file. This is a windows application.

I've been using this S/W to simulate several rx and tx designs and it works great! It calculates input and output waveforms, frequency response, phase response and even user defined equations of circuit values (like input - output z, power etc.) It even will work with mixed analog - digital designs. Several of the sample circuit files include

mixed designs including a gilbert cell mixer using a square wave as the LO input.

The visual schematic editor is worth the price alone!(free...)

Hope you enjoy it as much as I do. Use the example circuits and built in HELP to figure it out, or email me if you have specific questions.

Eric WA6HHQ erics@cruzio.com

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Date: Fri, 13 Jun 1997 18:46:17 -0400 (EDT)  
From: N2QCE@aol.com  
To: qrp-l@Lehigh.EDU  
Cc: MSU1972@aol.com  
Subject: [21313] Re: cw fists advice  
Message-ID: <970613184616\_23828449@emout05.mail.aol.com>

In a message dated 97-06-13 08:19:22 EDT, you write:

> Time for some advice from my qrp-l friends...I'll take all opinions...  
> Which type of key do I buy to supplement the straight key

Hi David,

FB on 18 WPM on the Straight key... I recommend the Bencher BY-1. It has the advantage over the single paddle key because you can send DITS with one side, DAHS with the other side, and DAHDITS or DITDAHS by squeezing the paddles together (the one you press first determines the DAHS and DITS). If you take the time to learn it, which I have not, it will be much faster than you can send with any single paddle type. Should be FB in the mobile. I use it and love it in the car. I also have the BRASS RACES and don't care for the mushy feel of the flexible paddles. Although others will work as well or better than the BY-1, this one will save you some bucks over the high-priced spread... Best 73 de John N2QCE FISTS #3288 QRP-L #597

John M. Evans N2QCE  
E-mail n2qce@aol.com  
<http://www.islandlink.com/n2qce>

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End of QRP-L Digest 756

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